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Approved For Release 2002/09/03 : CIA-RDP78-04772A000300120007-0

NPIC/R-1116/63

February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR

BRASS KNOB MISSION 3447

24 FEBRUARY 1963

OPS FILES



ARMY



NAVY



AIR FORCE

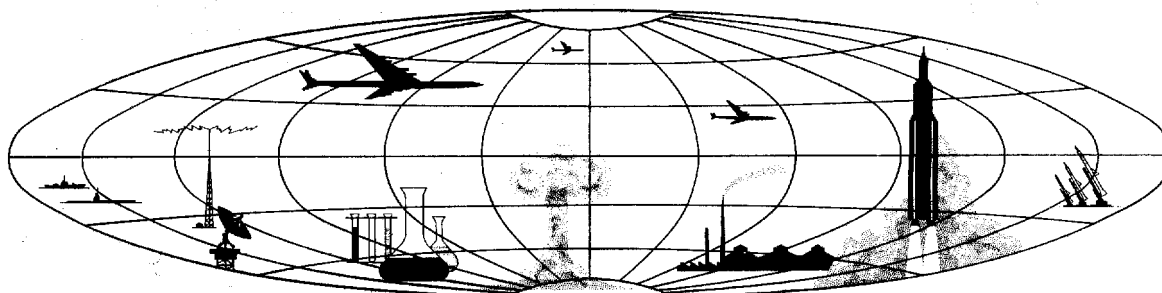


CIA

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AUTH: HR 70-2
DATE 27/5/82 REVIEWER: 057457

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

DECLASS REVIEW by NIMA/DOD



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CONFIDENTIAL

GROUP 1
Excluded from automatic
downgrading and declassification

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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

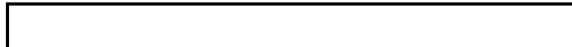
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3447, DATED 24 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-ITEMS OF INTEREST-

SHIP SIGHTING 2812N 08212W

3 NM NORTH OF TARARA.
3 SMALL COASTAL FREIGHTERS STEAMING EAST. ONE PROBABLE PC HEADING SW. ONE FREIGHTER WITH HATCHES OPEN HEADING EAST. ONE FREIGHTER HEADING WEST WITH UNIDENTIFIED DECK CARGO CONSISTING OF AT LEAST 10 RECTANGULAR CRATELIKE OBJECTS.

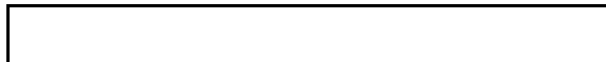
25X1D



HAVANA AREA, TRUCK CONVOYS 2333N 08228W

TWO TRUCK CONVOYS PARKED ALONG MEDIODIA BLVD ON SW OUTSKIRTS OF HAVANA. CONVOY HEADING SW CONTAINS 45 EMPTY, OPEN-BED TRACTOR TRAILERS AND 9 CARGO TRUCKS. CONVOY HEADING NE CONTAINS AT LEAST 17 EMPTY, OPEN-BED TRACTOR TRAILERS.

25X1D

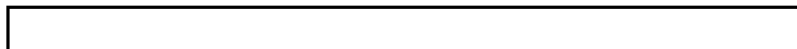


-MISSILES-

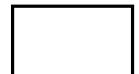
SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

NO ACTIVITY OBSERVED. ARCHED-ROOF BUILDING REMAINS.

25X1D



25X1D



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25X1D

SAGUA LA GRANDE MRBM SITE 2 2239N 07951W

NO ACTIVITY OR EQUIPMENT OBSERVED. CONCRETE ARCHES
REMAIN.

25X1D

REMEDIOS IRBM SITE 2225N 07935W

LARGE TENT IN FRONT OF ARCHED-ROOF BUILDING. NO
ACTIVITY OBSERVED.

25X1D

TAPASTE AREA, STORAGE SITES 2303N 08207W

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

25X1D

BARTOLOME, SUSPECT SSM ACTIVITY 2226N 07934W

NO MISSILE-RELATED ACTIVITY OBSERVED.

25X1D

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

NO MILITARY OR UNUSUAL ACTIVITY OBSERVED.

25X1D

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

NO MISSILE OR MILITARY ACTIVITY OBSERVED.

25X1D

PEPU (PEPUS), SUSPECT MISSILE ACTIVITY 2016N 07620W

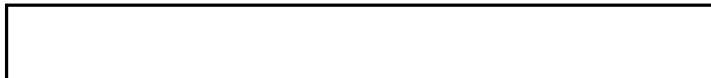
NO UNUSUAL ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

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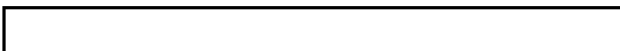
25X1D



CUEVA DEL CURA 2302N 08206W

SEE TAPASTE AREA, STORAGE SITES.

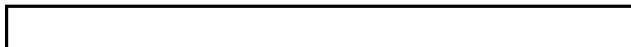
25X1D



MATANZAS SAM SITE 2301N 08129W

SIX LAUNCH POSITIONS (AT LEAST 4 CANVAS-COVERED)
AND SEVEN MISSILE TRANSPORTERS VISIBLE. GUIDANCE
EQUIPMENT APPEARS CANVAS COVERED.

25X1D



HAVANA SAM SITE 2309N 08213W

SIX CANVAS-COVERED LAUNCHERS, CANVAS-COVERED HOLD
AREA, AND CANVAS-COVERED GUIDANCE EQUIPMENT.

25X1D



SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVETTED LAUNCHERS, CANVAS-COVERED GUIDANCE
RADAR, AND ONE CANVAS-COVERED MISSILE TRANSPORTER
OBSERVED. POOR IMAGE QUALITY PRECLUDES FURTHER
INTERPRETATION.

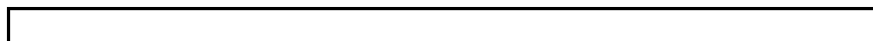
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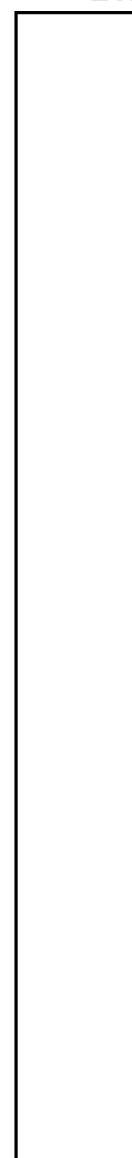
CAIBARIEN SAM SITE 2228N 07929W

SITE CONTAINS 6 UNRETTED CANVAS-COVERED LAUNCHERS
AND 6 CANVAS-COVERED MISSILE TRANSPORTERS. GUIDANCE
RADAR IN PLACE, PARTIALLY CANVAS COVERED.

25X1D



25X1D



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25X1D

SANCTI SPIRITUS SAM SITE 2147N 07929W

SIX LAUNCHERS, 6 MISSILE TRANSPORTERS, ONE MISSILE NOT ON TRANSPORTER, AND OCCUPIED GUIDANCE AREA OBSERVED.

25X1D

MANZANILLO SAM SITE 2018N 07706W

SIX LAUNCHERS IN REVETTED POSITIONS, 6 CANVAS-COVERED MISSILE TRANSPORTERS AND ONE UNCOVERED TRANSPORTER WITH MISSILE OBSERVED. GUIDANCE AREA IS OCCUPIED.

25X1D

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS, 6 COVERED TRANSPORTERS, ONE UNCOVERED TRANSPORTER, AND OCCUPIED GUIDANCE AREA.

25X1D

DELEITE SAM SITE 2259N 08045W

SIX LAUNCH POSITIONS AND 7 CANVAS-COVERED MISSILE TRANSPORTERS OBSERVED. CLOUD SHADOW PRECLUDES FURTHER INTERPRETATION.

25X1D

CIEGO DE AVILA SAM SITE 2142N 07850W

SITE CONTAINS 6 CANVAS-COVERED LAUNCHERS AND 7 COVERED TRANSPORTERS. GUIDANCE EQUIPMENT IS PARTIALLY CANVAS COVERED.

25X1D

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25X1D

DELEITE ALTERNATE SAM SITE 2301N 08044W

SITE ABANDONED. NO ACTIVITY OBSERVED.

25X1D

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

150 TRUCKS OBSERVED IN CLOUD-FREE AREA.
SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

MANAGUA SAM SITE 2259N 08215W

NO LAUNCHERS IN REVETMENTS, HOLD POSITIONS EMPTY.
ONE PROBABLE VEHICLE IN GUIDANCE REVETMENT.
SIXTEEN VEHICLES IN SUPPORT AREA.

25X1D

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

TWO LAUNCHERS, 5 CANVAS-COVERED MISSILE TRANSPORTERS,
7 CRUISE-MISSILE CRATES AND AT LEAST 20 VEHICLES
OBSERVED IN CLOUD-FREE AREA.

25X1D

-AIRFIELDS-

25X1D

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- 3 CRATE, 1 HOUND, 1 HARE AND 3 LIAISON.
NO APPARENT CHANGE IN FACILITIES.

25X1D

CORONEL PASCUAL AIRFIELD 2307N 08117W

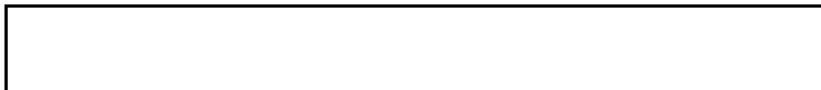
AIRCRAFT -- 5 SINGLE ENGINE.
THIRTEEN VEHICLES OBSERVED. CLOUDS PRECLUDE FURTHER
INTERPRETATION.

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25X1D

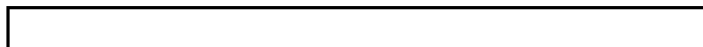


25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

AIRCRAFT -- 3 FAGOT/FRESCO, 6 TWIN-ENGINE TRANSPORT.
OBLIQUITY AND CLOUDS PRECLUDE FURTHER INTERPRETATION

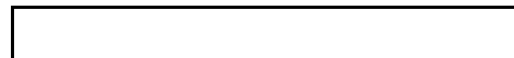
25X1D



JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- 3 FOUR-ENGINE TRANSPORT AND 2 CRATE
OBSERVED.

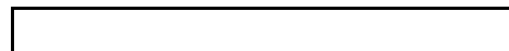
25X1D



CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- 8 ZLIN TRENER, 7 COLT, ONE PBV,
ONE SMALL TWIN-ENGINE, AND 28 LIAISON-TYPE OBSERVED.

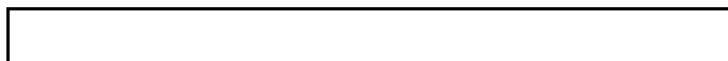
25X1D



MANAGUA AIRFIELD 2258N 08217W

NO APPARENT CHANGE IN FACILITIES.
AIRCRAFT -- NONE OBSERVED.

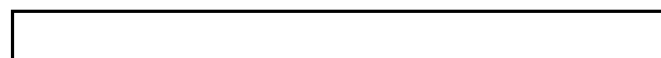
25X1D



BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 5 LIAISON-TYPE.

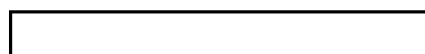
25X1D



TRINIDAD AIRFIELD 2147N 07959W

AIRCRAFT -- NONE OBSERVED.

25X1D



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-PORTS-

25X1D

MANZANILLO PORT 2021N 07707W

VESSELS -- ONE FREIGHTER NEAR CAPE GRANDE,
4 BARGES ANCHORED OFF SHORE, 9 BARGES AT PIERS.

25X1D

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- ONE FREIGHTER, ONE FUEL BARGE, 2 HULKS,
AND NUMEROUS SMALL CRAFT VISIBLE. NO MILITARY
EQUIPMENT OBSERVED.

25X1D

LA ISABELA PORT 2256N 08001W

VESSELS -- ONE LARGE FREIGHTER.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

CAIBARIEN PORT 2232N 07928W

TWO POSSIBLE LABINSK-CLASS SHIPS ANCHORED 14 NM
NE OF CAIBARIEN AND JUST WEST OF CAYO FRANCES.
THERE ARE 3 LIGHTERS ALONGSIDE ONE SHIP AND 2
LIGHTERS ALONGSIDE THE OTHER.

25X1D

CARDENAS PORT 2302N 08112W

INCOMPLETE COVERAGE. NUMEROUS SMALL CRAFT VISIBLE.
NO MILITARY EQUIPMENT OR UNUSUAL ACTIVITY OBSERVED.

25X1D

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25X1D

CASILDA PORT 2145N 07959W

25X1D

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

MATANZAS PORT 2303N 08134W

25X1D

VESSELS -- 2 LARGE FREIGHTERS (INCLUDING ONE KRASNOGRAD CLASS), ONE SMALL FREIGHTER AND ONE TUGBOAT. KRASNOGRAD-CLASS FREIGHTER ON NORTH SIDE OF NEW WHARF. HATCHES ARE SECURED AND BOOMS STOWED. THREE BOXCARS ON WHARF ALONGSIDE SHIP. NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

HAVANA PORT 2308N 08221W

25X1

25X1C

25X1D

VESSELS -- 7 PCS (ONE IN DRYDOCK), 8 PTS, 38 FREIGHTERS TIED-UP (3 WITH DECK CARGO) AND ~~3~~ 4 FREIGHTERS ANCHORED (2 WITH DECK CARGO). THE [REDACTED] REMAINS DOCKED AT BURRUS WHARF, ALL HATCHES ARE OPEN AND BOOMS ACTIVE. THE [REDACTED]

SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

JUCARO PORT 2137N 07851W

25X1D

VESSELS -- ONE UNIDENTIFIED FREIGHTER ANCHORED 2.8 NM SSW OF PORT, NUMEROUS SMALL CRAFT, AND 5 BARGES IN PORT. [REDACTED] NO MILITARY EQUIPMENT OBSERVED.

25X1C

TUNAS DE ZAZA, PORT FACILITIES 2138N 07933W

25X1D

25X1C

[REDACTED] ANCHORED 1.5 NM SW OF PORT, HAS 4 HATCHES OPEN, BOOMS ARE ACTIVE AND 5 LIGHTERS ARE ALONGSIDE.

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-ELECTRONICS-

25X1D

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

25X1D NO APPARENT CHANGE IN FACILITIES.
VEHICLES -- 11 TRUCKS AND 7 PROBABLE VANS.

-MILITARY ACTIVITY-

CARDENAS AREA, MILITARY CAMP 2302N 08119W

25X1D TWENTY TANKS/SP GUNS OBSERVED. NO CHANGE IN
FACILITIES.

MANZANILLO AREA, MILITARY CAMP 2017N 07706W

25X1D NINETEEN TANKS/SP GUNS AND APPROXIMATELY 13 VEHICLES
OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

25X1D NO APPARENT CHANGE IN VEHICLE/EQUIPMENT COUNT IN
CLOUD-FREE PORTION OF CAMP. INCOMPLETE COVERAGE.

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

25X1D NO APPARENT CHANGE IN FACILITIES.
CANVAS-COVERED OBJECTS APPEAR UNMOVED.

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25X1D

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

HAZE AND HEAVY CLOUDS PRECLUDE INTERPRETATION.

25X1D

LIMONAR AREA, MILITARY CAMP 2256N 08124W

NO APPARENT CHANGE IN FACILITIES. AT LEAST 50
VEHICLES OBSERVED.

25X1D

MANAGUA, MILITARY CAMP 2258N 08217W

NO APPARENT CHANGE. SMALL SCALE AND OBLIQUITY
PRECLUDE VEHICLE COUNT.

25X1D

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

MILITARY TRAINING AREAS ARE LOCATED 2 AND 4 NM NW OF
EL CRISTO (20-08N 075-46W, AND 20-09N 075-48W).
THIRTEEN CARGO TRUCKS ARE VISIBLE AT AREA 4 NM NW OF
EL CRISTO.

25X1D

CASCAJAL, MILITARY AREA 2240N 08031W

NO MILITARY ACTIVITY OBSERVED.

25X1D

LOMAS DE CRISTO, MILITARY AREA 2006N 07546W

NO MILITARY ACTIVITY OBSERVED.

25X1D

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25X1D

JOVELLANOS, MILITARY AREA 2248N 08112W

25X1D

NO ACTIVITY OR VEHICLES NOTED IN AREA.

NAZARENO, MILITARY AREA 2258N 08214W

25X1D

FIVE TRUCKS AND 23 UNIDENTIFIED VEHICLES/PIECES OF
EQUIPMENT OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

GUANABO AREA, MILITARY AREA 2311N 08203W

25X1D

NO APPARENT CHANGE IN FACILITIES IN EASTERNMOST AREA.
NINE VEHICLES OBSERVED. SCATTERED CLOUDS PRECLUDE
FURTHER INTERPRETATION.

25X1D

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

25X1D

NO APPARENT CHANGE IN FACILITIES.
VEHICLES -- 15 CANVAS-COVERED PROBABLE TANKS AND 16
TRUCKS OBSERVED.

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D

NO APPARENT CHANGE IN FACILITIES.
SCATTERED CLOUDS AND HAZE PRECLUDE VEHICLE COUNT.

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D

NO APPARENT CHANGE IN EASTERN AREA. AT LEAST 25
VEHICLES OBSERVED IN WESTERN AREA.

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HAVANA AREA, MILITARY CAMP 2301N 08218W

25X1D

NO APPARENT CHANGE IN FACILITIES.
CLOUDS PRECLUDE FURTHER INTERPRETATION.

[REDACTED]

25X1D

SPECIAL AREA ALPHA 2258N 08227W

25X1D

NO APPARENT CHANGE IN CLEAR AREAS.

[REDACTED]

SIBONEY LANDING BEACH 1957N 07542W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

TARARA LANDING BEACH 2310N 08212W

25X1D

NO APPARENT CHANGE.

[REDACTED]

MATANZAS LANDING BEACH 2301N 08126W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

VARADERO LANDING BEACH 2308N 08118W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

[REDACTED]

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25X1D

MAR VERDE LANDING BEACH 1957N 07557W

NO APPARENT CHANGE.

25X1D

-MISCELLANEOUS-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

NO APPARENT CHANGE IN FACILITIES. CONSTRUCTION
CONTINUING ON 5 BUNKERS. VEHICLES/PIECES OF
EQUIPMENT STILL LOCATED ALONG LOOP ROADS IN SECURED
AREA.

25X1D

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

NO APPARENT CHANGE IN FACILITIES. NO VEHICLES
OBSERVED.

25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

NO APPARENT CHANGE IN HEADQUARTERS AREA. TEN TRUCKS
AND 5 OTHER VEHICLES OBSERVED. STORAGE SITE IS CLOUD
COVERED.

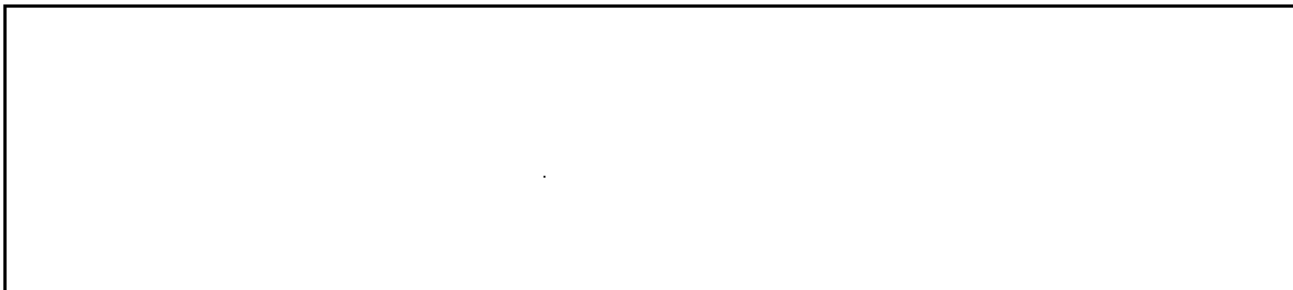
25X1D

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25X1

-STATUS OF OTHER TARGETS-

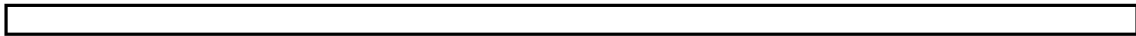
MISSION 3447 DID NOT COVER TARGETS EAST OF 75 DEGREES OR WEST OF 84 DEGREES WEST LONGITUDE.

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED ---

25X1D

GUANAJAY IRBM SITE 1	2257N 08239W
JIGUANI SAM SITE	2021N 07620W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
CIEGO DE AVILA SAM ASSEMBLY AREA	2152N 07844W
MALDONADO SAM SITE	2012N 07528W
CAMAGUEY AIRFIELD SAM SITE	2122N 07750W
CERCA DE PIEDRA, SUSPECT SAM SUPP AREA	2004N 07551W
SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE	2309N 08156W
CAMAGUEY INTERNATIONAL AIRFIELD	2125N 07751W
PLAYA BARACOA AIRFIELD	2302N 08235W
SURGIDERO DE BATABANO PORT	2241N 08218W
LA FLORA AREA, MILITARY STORAGE	2252N 08233W
CAMAGUEY AREA, MILITARY CAMP 1	2121N 07750W
SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP	2255N 08210W
TORRENS, MILITARY COMPLEX	2259N 08228W
MADRUGA, POL STORAGE	2256N 08149W
CAMAGUEY AREA, MILITARY CAMP	2126N 07753W
EL CRISTO, MILITARY INSTALLATION	2007N 07546W
LAGUNA SIGUA, MILITARY AREA	1954N 07531W
SPECIAL AREA BRAVO BLUE	2250N 08233W
SPECIAL AREA BRAVO RED	2254N 08231W
SPECIAL AREA VICTOR	2300N 08234W

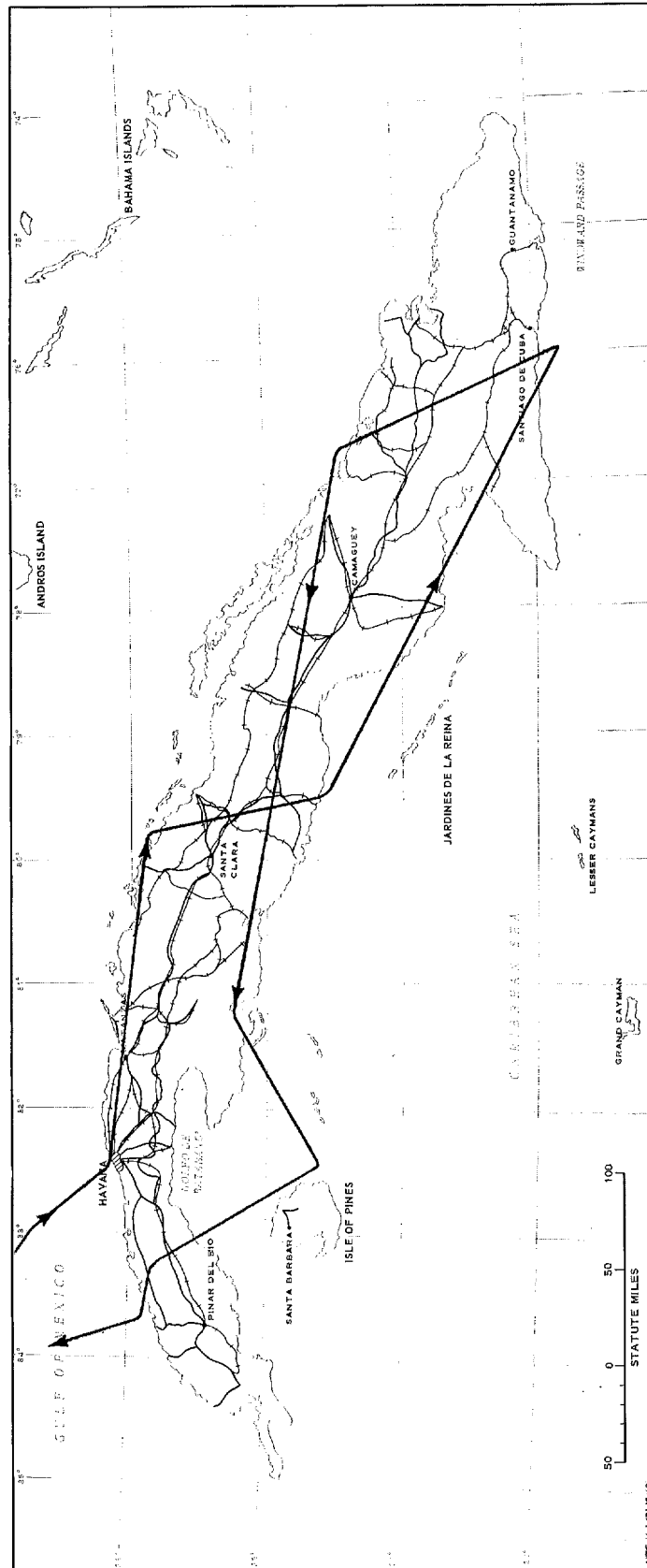
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APPROXIMATE TRACK OF BRASS KNOB MISSION 3447, 24 FEBRUARY 1963

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